

TIMOTHY P. MURRAY LIEUTENANTGOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130
Bureau of Laboratory Sciences

02-14-12

Dear ADA Whalen:

Enclosed is the discovery packet for Commonwealth V Enclosed are copies of the following information:

- The Drug Laboratory Receipt
- 2. The Drug Laboratory Control Cards
- 3. The Drug Powder Analysis Forms and Gas Chromatography Results
- 4. The GC/MS Confirmatory Data

I was the custodial chemist in this case and Kate Corbett was the confirmatory chemist. If you would like to discuss this case, please feel free to call me directly at the number below.

Sincerely,

Peter Piro

GC/MS Laboratory Supervisor I Department of Public Health Hinton State Laboratory Institute Forensic Drug Laboratory, Rm 361 305 South Street Jamaica Plain, Ma 02130 617-983-6634

Peter Piro@state.ma.us

The Commonwealth of Massachusetts Executive Office of Health and Human Services

عrug عratory ي17) 983-6622 د (617) 983-6625 Department of Public Health
State Laboratory Institute

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours 8:00 - 11:00 2:00 - 4:00

Received by:

DRUG RECEIPT

2979

Amherst Hours 9:00 - 12:00 1:00 - 4:00

Folk_OIG_PRR_105023

Barn Nahla Police	
City or Department: <u>Rem Wahle Folice</u> Name and Rank of Submitting Officer: <u>P11.</u> E	Police Reference No.
Defendant(s) Name (last, first, initial)	

Description of Samples

To be completed by Lab Personnel Gross Weight

Lab Number

Liguid Dub Marle in a box/les I BUTKE 249, 18a

Note to Lab: Upon MV stop

Auspert dumped drugs in to

Coffee. This is Yel Centerts

Diffee Cup.

Ligiia Bottle

193.18a

Date:

Date Analyzed: | City: Barnstable Police Dept. Officer: P.O. ERIC DRIFMEYER Subst: LIQUID Amount: Cont: bottle No. Cont: No. Analyzed: Date Rec'd: 12/16/2011 Net Weight: 123,20mg #Tests: 7P.P. 2 249.18 Gross Wt.: Prelim: 1-26-12 Findings: No. B11-14536

Date Analyzed: | 30 | 1 Z City: Barnstable Police Dept. Officer: P.O. ERIC DRIFMEYER 1/31/12 8.9:0 Def: DEWEES, DAVID

No. Cont: Cont: bottle

Date Rec'd: 12/16/2011

Amount:

1

Gross Wt.: -249-18

Prelim: HEFOIN

No. Analyzed:

Net Weight: 67.0 grows
Tests: 7 P.P.ro
21 CAC

Subst: LIQUID

Findings:

Folk_OIG_PRR_105024

DRUG POWDER ANALYSIS FORM

	AGENCY BARNStable ANALYST P. Pito
No. of samples tested:	Evidence Wt. <u> </u>
_ Vial#1 Ligurd _ Vial#2 Ligu extracted V PRELIMINARY TESTS	be edded be edded be edded be edded Pkg. Wt: 123.2 Net Wt: 123.2 OK extracted with chlordorn object OHQUS NID110 Serial # 11.25493269 0.2 grans 0.5 grans 1.0 10.6 50.0 Microcrystalline Tests Calibrata 1-23-12
Marquis Purple Froehde's Purple Mecke's Green 1-31-12	TITA() OTHER TESTS G.C. A) Heroin 1/26/12 PHD, Solution 3.5
PRELIMINARY TEST RESULTS RESULTS () N KNOWN DATE 1-23-12	GC/MS CONFIRMATORY TEST RESULTS HERIN MS KAC OPERATOR 1-30-12 MS 1-31-12 FINAL

Revised 7/2005

Sequence Name: C:\msdchem\1\sequence\012512PJP.S

Comment:

Operator: P.PIRO

Data Path: D:\SYSTEM5 GC DATA\01_25_12\

Instrument Control Pre-Seq Cmd: Data Analysis Pre-Seq Cmd:

Instrument Control Post-Seq Cmd: Data Analysis Post-Seq Cmd:

Method Sections To Run On A Barcode Mismatch (X) Full Method (X) Inject Anyway () Reprocessing Only () Don't Inject

43344				y na say na na pangangan na na pangangangan na na pangangan na pangang
	Line			Sample Name/Misc Info
1)	Sample	1	01	GENSCAN BLANK
2)	Sample	2	02	GENSCAN BLANK GENSCAN COCAINE/CODEINE MIX 7.32 7.89 GENSCAN BLANK
3)	Sample		03	GENSCAN BLANK
4)	Sample	4	04	GENSCAN HEROIN STD 8:64
5)	Sample	1	05	GENSCAN BLANK
6)	Sample	6	06	GENSCAN BUPRENORPHINE STD 13.69
7)	Sample	. 1	07	CANAGA GENSCAN A BLANK AMARAMAN AND AND AND AND AND AND AND AND AND A
8)	Sample	8	08	GENSCAN BLANK GENSCAN B11-07013 8.64 (4) Hero.~
9)	Sample	1	09	CPNCCAN BLANK
10)	Sample	10	10	GENSCAN B11-07015 13.70 (4) BUPERIORPH.
11)	Sample	1	11	E E E E E E E E E E E E E E E E E E
12)	Sample	12	12	GENSCAN B11-14535-1 8.64 OCC+) Hero-10
13)	Sample	1	13	CONCONN DIANU
14)	Sample	14	14	GENSCAN B11-14535-2 8 65
15)	Sample	1	15	
16)	Sample	16	16	
17)	Sample	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17	GENSCAN BLANK GENSCAN B11-14536-2 8.4 OK (+) Herow
18)	Sample	18	18	GENSCAN B11-14536-2 8 4 0 (7) 17
19)	Sample	1	19	GENSCAN BLANK

Last Modified: Wed Jan 25 11:49:02 2012

Data Path : D:\SYSTEM5 GC DATA\01_25_12\ Data File : 01.D Signal(s) : FID1A.CH : 25 Jan 2012 11:52 Acq On Sample : BLANK Misc ALS Vial : 1 Sample Multiplier: 1 Integration File: autoint1.e : C:\MSDCHEM\1\METHODS\GENSCAN.M Method Title Response Signal: 01.D\FID1A.CH 1.265 3800000 3600000 3400000 3200000 3000000 2800000 2600000 2400000 2200000 2000000 1800000 1600000 1400000 1200000 1000000 800000 600000 400000 200000 Time 2,00 4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 GENSCAN.M Wed Jan 25 12:26:36 2012 Page: 2

Data Path : D:\SYSTEM5 GC DATA\01_25_12\ Data File : 02.D Signal(s): FID1A.CH : 25 Jan 2012 12:28 Acq On : COCAINE/CODEINE MIX Sample Misc ALS Vial : 2 Sample Multiplier: 1 Integration File: autoint1.e Method : C:\MSDCHEM\1\METHODS\GENSCAN.M Title Response Signal: 02.D\FID1A.CH 1.265 3800000 3600000 3400000 3200000 3000000 2800000 7.324 2600000 7.891 2400000 2200000 2000000 1800000 1600000 1400000 1200000 1000000 800000 600000 400000 200000 2.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 Time 4.00 6.00 8.00 26.00 28.00

GENSCAN.M Wed Jan 25 13:02:09 2012

Folk_OIG_PRR_105028

```
Data Path : D:\SYSTEM5 GC DATA\01_25_12\
   Data File : 03.D
   Signal(s): FID1A.CH
              : 25 Jan 2012 13:03
   Acq On
   Sample
              : BLANK
   Misc
                     Sample Multiplier: 1
   ALS Vial : 1
   Integration File: autointl.e
              : C:\MSDCHEM\1\METHODS\GENSCAN.M
   Method.
   Title
   Response_
                                               Signal: 03.D\FID1A.CH
            1.264
    3800000
    3600000
    3400000
    3200000
    3000000
    2800000
    2600000
    2400000
    2200000
    2000000
    1800000
    1600000
    1400000
    1200000
    1000000
    800000
    600000
    400000
    200000
  Time
              2.00
                          6.00
                                8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00
                    4.00
GENSCAN.M Wed Jan 25 13:37:53 2012
                                                                                            Page: 2
```

Data Path : D:\SYSTEM5 GC DATA\01_25_12\

Data File : 04.D Signal(s) : FID1A.CH

Acq On : 25 Jan 2012 13:39 Sample : HEROIN STD

Misc

ALS Vial: 4 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\GENSCAN.M

Title

Signal : FID1A.CH

peak R.T. # min		PK peak TY height	peak area	peak % % max. to	of otal
		- 11 He19HC	7	7 max. c	
	1.240 1.408				
2 0.042	8.606 8.685 Sum	of corrected	areas: 511	3237154	2003 2003

```
Data Path : D:\SYSTEM5 GC DATA\01_25_12\
Data File: 04.D
Signal(s): FID1A.CH
Acq On: 25 Jan 2012 13:39
Sample
             : HEROIN STD
Misc
ALS Vial : 4
                  Sample Multiplier: 1
Integration File: autoint1.e
Method
           : C:\MSDCHEM\1\METHODS\GENSCAN.M
Title
Response_
                                              Signal: 04.D\FID1A.CH
          1.265
  3800000
  3600000
  3400000
 3200000
 3000000
 2800000
 26000000
 2400000
 2200000
 2000000
 1800000
 1600000
 1400000
                                 8.642
 1200000
 1000000
  800000
  600000
  400000
  200000
            2.00
                               8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00
Time
                  4.00
                        6.00
                                                                                            28.00
```

GENSCAN.M Wed Jan 25 14:13:23 2012

```
Data Path : D:\SYSTEM5 GC DATA\01_25_12\
   Data File : 05.D
   Signal(s) : FID1A.CH
              : 25 Jan 2012 14:14
   Acq On
   Sample
               : BLANK
   Misc
   ALS Vial : 1
                     Sample Multiplier: 1
   Integration File: autoint1.e
   Method
              : C:\MSDCHEM\1\METHODS\GENSCAN.M
   Title
   Response_
                                               Signal: 05.D\FID1A.CH
             1.265
    3800000
    3600000
    3400000
    3200000
    3000000
    2800000
    2600000
    2400000
    2200000
    2000000
    1800000
    1600000
    1400000
    1200000
    1000000
    800000
    600000
    400000
    200000
  Time
                    4.00
                          6.00
                                8.00
                                    10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00
GENSCAN.M Wed Jan 25 14:48:59 2012
                                                                                            Page: 2
```

Data Path : D:\SYSTEM5 GC DATA\01_25_12\ Data File : 06.D Signal(s) : FID1A CH : 25 Jan 2012 14:50 Acq On Sample : BUPRENORPHINE STD Misc ALS Vial : 6 Sample Multiplier: 1 Integration File: autoint1.e Method : C:\MSDCHEM\1\METHODS\GENSCAN.M Title. Response Signal: 06.D\FID1A.CH 1.265 3800000 3600000 3400000 3200000 3000000 2800000 2600000 2400000 2200000 2000000 1800000 1600000 1400000 1200000 1000000 800000 600000 13.691 400000 200000 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 Time 4.00 6.00 GENSCAN.M Wed Jan 25 15:24:32 2012 Page: 2

Data Path : D:\SYSTEM5 GC DATA\01_25_12\ Data File : 11.D Signal(s) : FID1A.CH Acq On : 25 Jan 2012 17:48 Sample : BLANK Misc Sample Multiplier: 1 ALS Vial : 1 Integration File: autointl.e : C:\MSDCHEM\1\METHODS\GENSCAN.M Method Title Response Signal: 11.D\FID1A.CH 1.265 3800000 3600000 3400000 3200000 3000000 2800000 2600000 2400000 2200000 2000000 1800000 1600000 1400000 1200000 1000000 800000 600000 400000 200000 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 2.00 4.00 Time GENSCAN.M Wed Jan 25 18:22:25 2012 Page: 2

```
Data Path : D:\SYSTEM5 GC DATA\01_25_12\
```

Data File : 12.D Signal(s) : FID1A.CH

Acq On : 25 Jan 2012 18:23

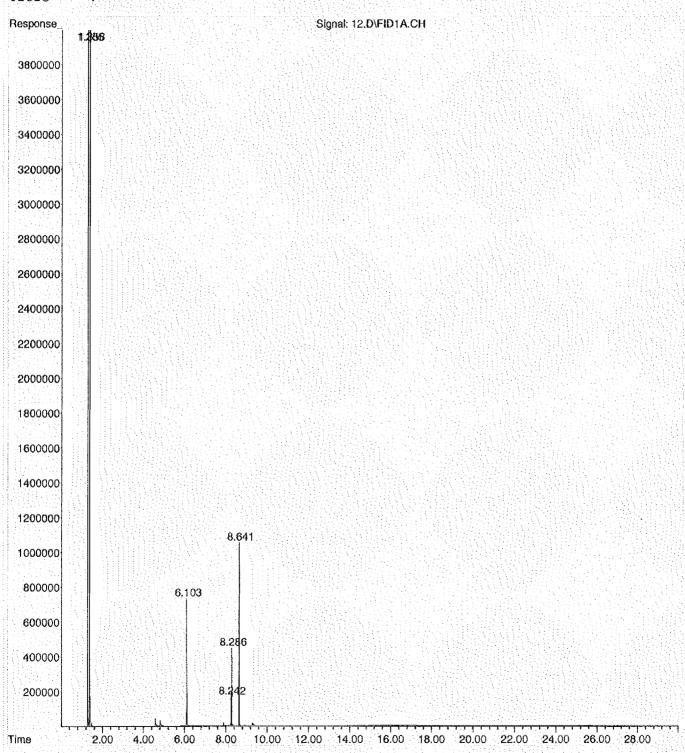
Misc

ALS Vial: 12 Sample Multiplier: 1

Integration File: autoint1.e

Method: C:\MSDCHEM\1\METHODS\GENSCAN.M

Title :



GENSCAN.M Wed Jan 25 18:58:00 2012

Data Path : D:\SYSTEM5 GC DATA\01_25_12\ Data File : 13.D Signal(s) : FID1A.CH : 25 Jan 2012 18:59 Acq On Sample : BLANK

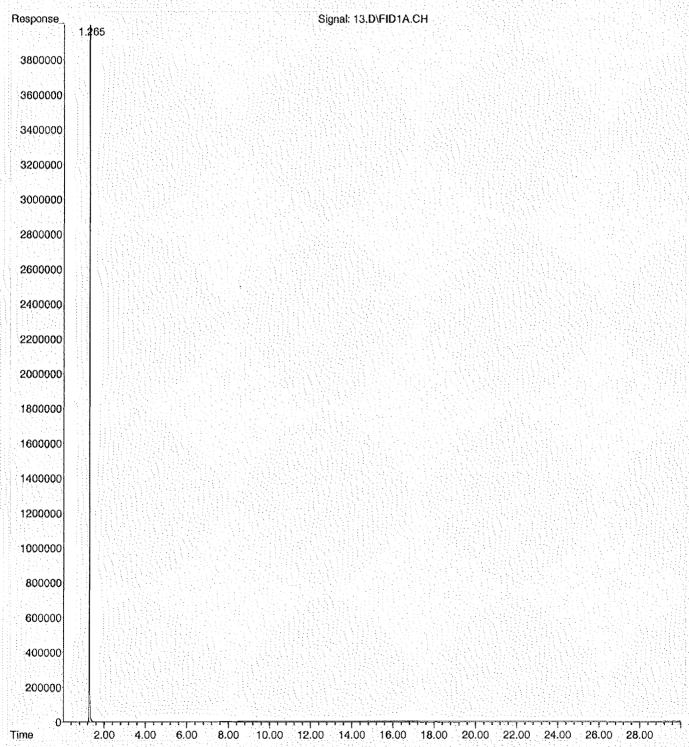
Misc

ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e

: C:\MSDCHEM\1\METHODS\GENSCAN.M Method

Title



GENSCAN.M Wed Jan 25 19:33:31 2012

Data Path : D:\SYSTEM5 GC DATA\01_25_12\
Data File : 14.D

Signal(s) : FID1A.CH

Acq On 25 Jan 2012 19:34

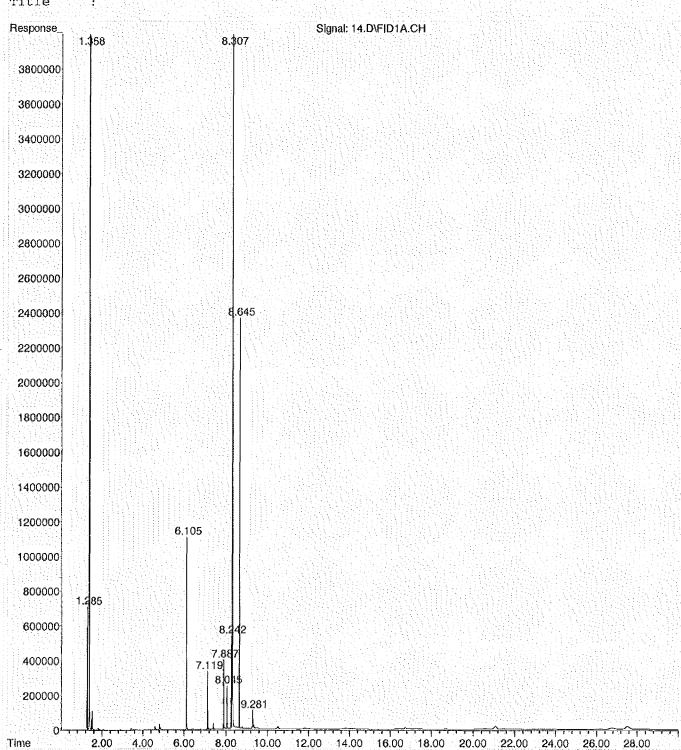
Misc

Sample Multiplier: 1 ALS Vial: 14

Integration File: autoint1.e

: C:\MSDCHEM\1\METHODS\GENSCAN.M Method

Title



GENSCAN.M Wed Jan 25 20:09:05 2012

DRUG POWDER ANALYSIS FORM

No. of samples tested:	ANUST P. Piral Evidence Wt. 193, 18
PHYSICAL DESCRIPTION: EDPBS: grad + Se I Amber bottle with Ligure Liquid Centrifused and recorded. Liquid believed + Liquid extracted with C	Gross Wt (): 189. / PH Pkg. Wt: 122. / Hube copie Net Wt: 67. 0
- Liguid pH Adjusted + GlaroForn # 2	0 pH 210 + extracted ω 4α ΘΗΑυς N 10 110 Serziti 1/25493269 Calibrated 1-25-/2 ΘιΖ gmms Θιδ 1.0 10.0 50.0
PRELIMINARY TESTS Spot Tests # 1 # 2	Microcrystalline Tests
Cobalt — Due	Gold Chloride
Marquis Purple Purple	TLTA ()
Froende's Purple Purple	<u>OTHER TESTS</u>
Mecke's Brown Green	G-C A) Hero: #
	743.5
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS 1)N KNOWN	RESULTS HEROIN
DATE 1-25-12	MS CAC
	DATE 1-36-12 - MS
	1-31-12 Final

Sequence Name: C:\msdchem\1\sequence\012512PJP.S

Comment:

Operator: P.PIRO
Data Path: D:\SYSTEM5 GC DATA\01_25_12\
Instrument Control Pre-Seq Cmd:
Data Analysis Pre-Seq Cmd:

Instrument Control Post-Seq Cmd: Data Analysis Post-Seg Cmd:

Method Sections To Run

On A Barcode Mismatch

(X) Full Method (X) Inject Anyway () Reprocessing Only () Don't Inject

_				
I	ine			Sample Name/Misc Info
1)	Sample	1	:01	GENSCAN BLANK GENSCAN COCATNE (CODETNE MIX 7 22 7.89)
2)	Sample	2	02	GENSCAN COCAINE/CODEINE MIX 7.321/187
3)	Sample	1	03	GENSCAN BLANK
4)	Sample	4	04	GENSCAN HEROIN STD 8:64
5)	Sample	1	05	19 to Table GENSCAN ABLANK HERE IN THE SECRET REPORT OF THE SECRET REPOR
6)	Sample	6	06	GENSCAN BUPRENORPHINE STD 13.69
7)	Sample	1	07	GENSCAN BLANK
8)	Sample	8	0.8	GENSCAN BLANK GENSCAN B11-07013 S. 64 (4) Hero.~
9)	Sample	(14) (14) (14)	09	GENSCAN BLANK
10)	Sample	10	10	GENSCAN BLANK GENSCAN B11-07015 13.76 (+) Bup revorphive GENSCAN BLANK
11)	Sample	1	11	
12)	Sample	12	12	GENSCAN B11-14535-1 8.64 OC CT) 1200
13)	Sample	1	13	GRNSCAN RIANK
14)	Sample	14	14	GENSCAN B11-14535-2 8.65
15)	Sample	1	15	OPNICONN BY TATE
16)	Sample	16	16	
17)	Sample	1	17	GENSCAN BLANK GENSCAN B11-14536-2 8 64 OK (4) Hero:N
18)	Sample	18	18	GENSCAN BI1-14536-2 8 L4 OK (+) Hero.
19)	Sample	1	19	GENSCAN BLANK

Last Modified: Wed Jan 25 11:49:02 2012

Data Path ; D:\SYSTEM5 GC DATA\01_25_12\ Data File : 01.D Signal(s) : FID1A.CH : 25 Jan 2012 11:52 Acq On Sample BLANK Misc ALS Vial : 1 Sample Multiplier: 1 Integration File: autointl.e : C:\MSDCHEM\1\METHODS\GENSCAN.M Method Title Response_ Signal: 01.D\FID1A.CH 1.265 3800000 3600000 3400000 3200000 3000000 2800000 2600000 2400000 2200000 2000000 1800000 1600000 1400000 1200000 1000000 800000 600000 400000 200000 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 Time 2.00 4.00 GENSCAN.M Wed Jan 25 12:26:36 2012 Page: 2

Data Path : D:\SYSTEM5 GC DATA\01_25_12\

Data File : 02.D Signal(s) : FID1A.CH

Acq On : 25 Jan 2012 12:28
Sample : COCAINE/CODEINE MIX

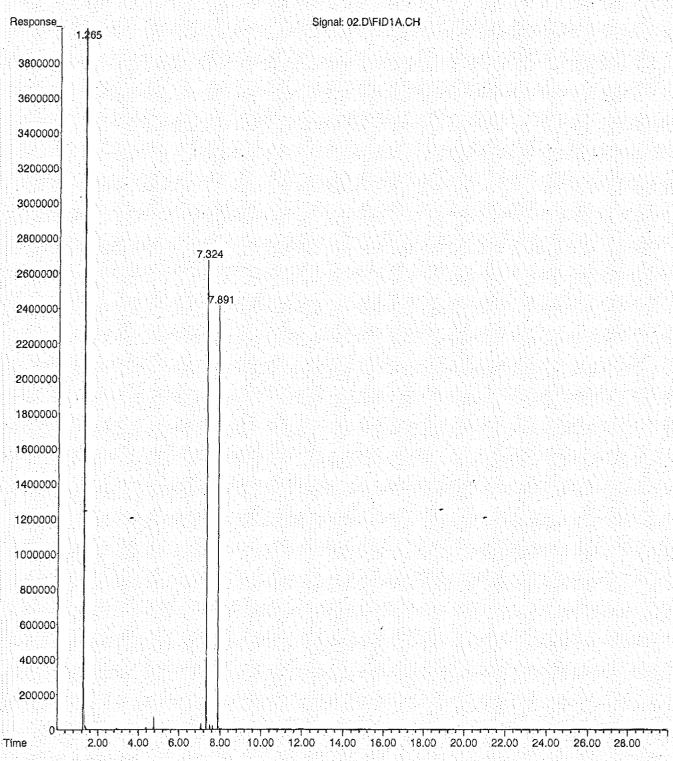
Misc

ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\GENSCAN.M

Title :



GENSCAN.M Wed Jan 25 13:02:09 2012

Data Path : D:\SYSTEM5 GC DATA\01_25_12\ Data File: 03.D Signal(s) : FID1A.CH : 25 Jan 2012 13:03 Acq On : BLANK Sample Misc ALS Vial: 1 Sample Multiplier: 1 Integration File: autoint1.e : C:\MSDCHEM\1\METHODS\GENSCAN.M Method Title Response_ Signal: 03.D\FID1A.CH 1.264 3800000 3600000 3400000 3200000 3000000 2800000 2600000 2400000 2200000 2000000 1800000 1600000 1400000 1200000 1000000 800000 600000 400000 200000 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 Time 2.00 4.00 GENSCAN.M Wed Jan 25 13:37:53 2012 Page: 2

Data Path : D:\SYSTEM5 GC DATA\01_25_12\

Data File: 04.D Signal(s): FID1A.CH Acq On: 25 Jan 2012 13:39 Sample: HEROIN STD

Misc

ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\GENSCAN.M

Title

Signal : FID1A.CH

peak R.T. Start	End PK	peak pea	ık peak	% of
# min min	min TY	height are	a % max.	total
1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 400 55			
1 1.265 1.240				
2 8.642 8.606	Sum of co	rrected areas	5113237154	0.2003

Data Path : D:\SYSTEM5 GC DATA\01_25_12\ Data File: 04.D Signal(s) : FID1A.CH : 25 Jan 2012 13:39 Acq On Sample : HEROIN STD Misc ALS Vial: 4 Sample Multiplier: 1 Integration File: autoint1.e : C:\MSDCHEM\1\METHODS\GENSCAN.M Method Title Signal: 04.D\FID1A.CH Response_ 1.265 3800000 3600000 3400000 3200000 3000000 2800000 2600000 2400000 2200000 2000000 1800000 1600000 1400000 8.642 1200000 1000000 800000 600000 400000 200000 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 2.00 4.00 6.00 8.00 Time GENSCAN.M Wed Jan 25 14:13:23 2012 Page: 2

Data Path : D:\SYSTEM5 GC DATA\01_25_12\ Data File: 05.D Signal(s): FID1A.CH Acq On: 25 Jan 2012 14:14 Sample: BLANK Misc ALS Vial : 1 Sample Multiplier: 1 Integration File: autoint1.e Method : C:\MSDCHEM\1\METHODS\GENSCAN.M Title. Signal: 05.D\FID1A.CH Response_ 1.265 3800000 3600000 3400000 3200000 3000000 2800000 2600000 2400000 2200000 2000000 18000000 1600000 1400000 1200000 1000000 800000 600000 400000 200000 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 Time 2.00 4.00 GENSCAN.M Wed Jan 25 14:48:59 2012 Page: 2

```
Data Path : D:\SYSTEM5 GC DATA\01_25_12\
    Data File: 06.D
    Signal(s) : FID1A.CH
              : 25 Jan 2012 14:50
    Acq On
    Sample
               : BUPRENORPHINE STD
   Misc
   ALS Vial : 6
                      Sample Multiplier: 1
   Integration File: autoint1.e
   Method
               : C:\MSDCHEM\1\METHODS\GENSCAN.M
   Title
   Response_
                                                Signal: 06.D\FID1A.CH
             1.265
     3800000
    3600000
    3400000
    3200000
    3000000
    2800000
    2600000
    2400000
    2200000
    2000000
    1800000
    1600000
    1400000
    1200000
    1000000
    800000
    600000
                                                 13.691
    400000
    200000
                                     10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00
  Time
              2.00
                    4.00
                          6.00
                                8.00
GENSCAN.M Wed Jan 25 15:24:32 2012
                                                                                             Page: 2
```

Data Path : D:\SYSTEM5 GC DATA\01_25_12\

Data File : 15.D

Signal(s) : FID1A.CH Acq On : 25 Jan 2012 20:10

Sample : BLANK

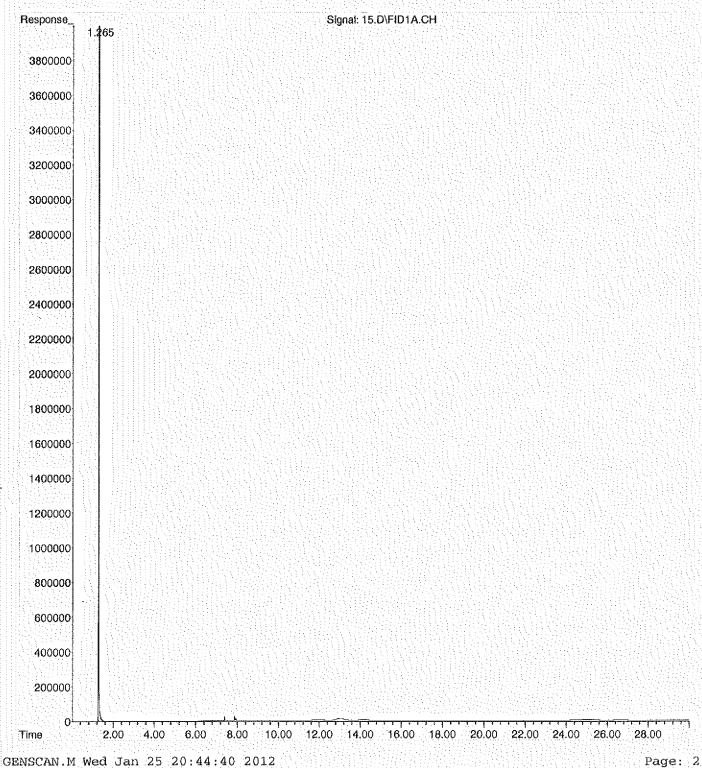
Misc

ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\GENSCAN.M

Title



Data Path : D:\SYSTEM5 GC DATA\01_25_12\

Data File : 16.D Signal(s) : FID1A.CH

: 25 Jan 2012 20:46 Acq On

Misc ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

: C:\MSDCHEM\1\METHODS\GENSCAN.M Method

Title

Signal : FID1A.CH

peak	R.T.	Start	End	PK	peak	peak	peak	% of
#	min	min	min	$\mathbf{T}\mathbf{Y}$	height	area	% max.	total
	1.286	1.234	1.318	BV	3644661		5 - 4	0.735%
	1.328	1.318	1.349	VV	166691		*	0.036%
	1.361	1.349	1.456	VB	2899653			08 91.806%
	1.508	1.494	1.546	PB	175417			0.042%
5	2.678	2.614	2.734	BB	324844	6052318	0.18%	0.165%
	3.400	3,359	3.454	BB	390202	1 1 1 1		0.088%
	4.566	4.548	4.626	BB	481288			0.104%
8	4.796	4.776	4.854	BB	397449			0.091%
	6.112	6.079	6.166	BB	2410980			0.592ቄ
10	6.371	6.334	6.406	BV	139411	1291944	0.04%	0.035%
	8.242	8.199	8.265	BV	694243			0,167%
	8,285	8.265	8.339	VB	258320			0.063%
	8,649	8.608	8.676	BB	3965608			1.186%
	0.503	10.464	10.593	VB	236607			0.161%
15 1	3.831	13.641	13.916	BB	104199	7420306	0.22%	0.203%
	6.745	16.618	16.972	BB	169648			0.352%
	1.157	20.905	21.382	BB	392096			1.084%
	6.912	26.525	27.195	BB	213713	4 7 5		0.971%
	7.756	27.368	27.784	BV	506981	52052501		1.423%
20 2	7.795	27.784	28.028	VB	491511	25482329	0.76%	0.697%
and the second		化化二氯甲基甲基二甲基异苯基甲基		the first of the second				

Sum of corrected areas: 3657148926

Data Path : D:\SYSTEM5 GC DATA\01_25_12\

Data File : 16.D Signal(s) : FID1A.CH

Acq On : 25 Jan 2012 20:46

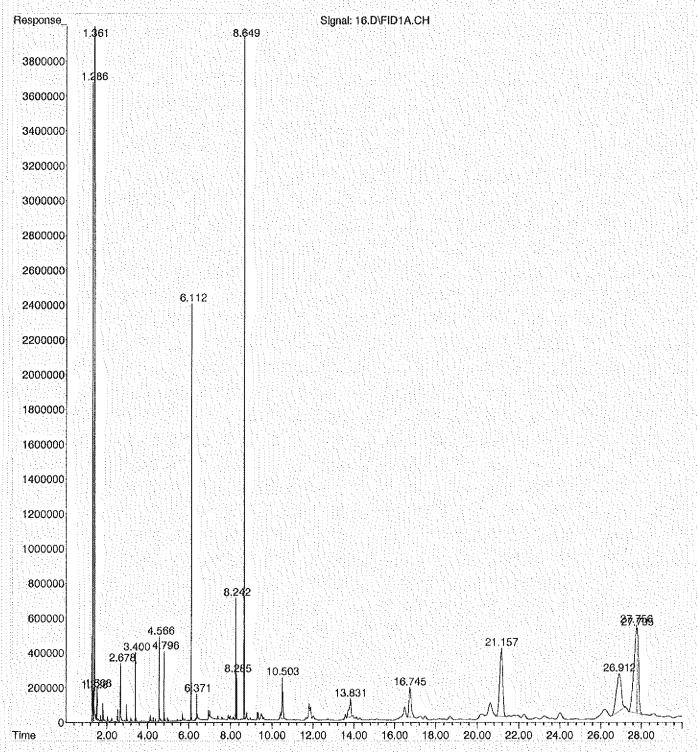
Misc

ALS Vial: 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\GENSCAN.M

Title :



GENSCAN.M Wed Jan 25 21:20:13 2012

Page: 2

Data Path : D:\SYSTEM5 GC DATA\01_25_12\ Data File : 17.D Signal(s) : FID1A.CH : 25 Jan 2012 21:21 Acq On : BLANK Sample Misc ALS Vial : 1 Sample Multiplier: 1 Integration File: autoint1.e : C:\MSDCHEM\1\METHODS\GENSCAN.M Method Title Signal: 17.D\FID1A.CH Response 1.265 3800000 3600000 3400000 3200000 3000000 2800000 2600000 2400000 2200000 2000000 1800000 1600000 1400000 1200000 1000000 800000 600000 13.378 400000 14.519 200000 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

GENSCAN.M Wed Jan 25 21:55:47 2012

4.00

6.00

8.00

2.00

Time

Data Path ; D:\SYSTEM5 GC DATA\01_25_12\

Data File : 18.D Signal(s) : FID1A.CH

Acq On : 25 Jan 2012 21:57

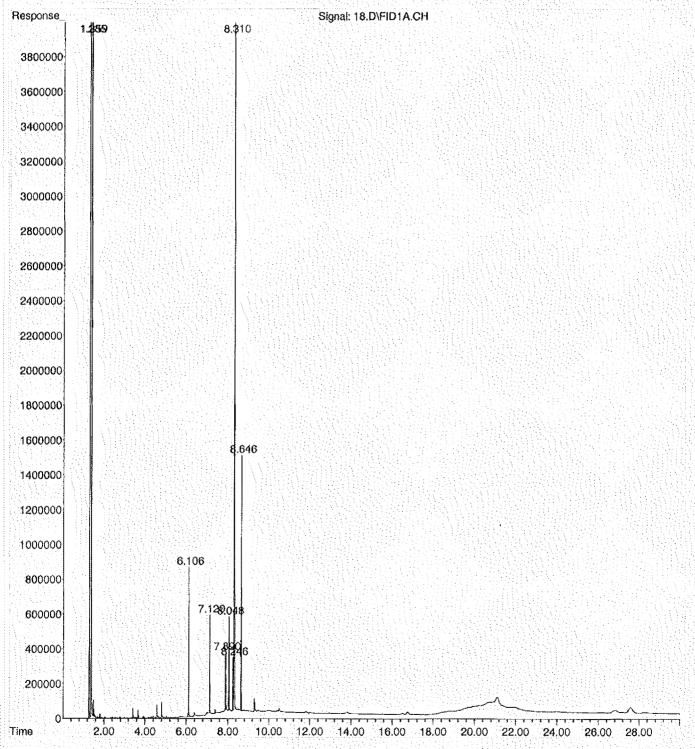
Misc

ALS Vial: 18 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\GENSCAN.M

Title :



GENSCAN.M Wed Jan 25 22:31:26 2012

Data Path : D:\SYSTEM5 GC DATA\01_25_12\

Data File: 19.D Signal(s): FID1A.CH

Acq On : 25 Jan 2012 22:32

Sample : BLANK

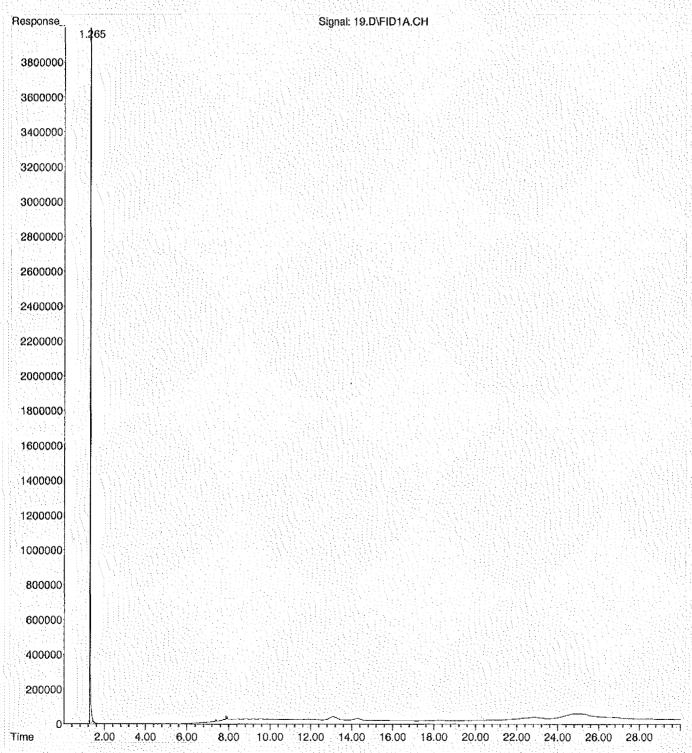
Misc

ALS Vial: 1 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\GENSCAN.M

Title :



GENSCAN.M Wed Jan 25 23:06:59 2012

VKAC 2/14/12

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815004.D

Operator : KAC

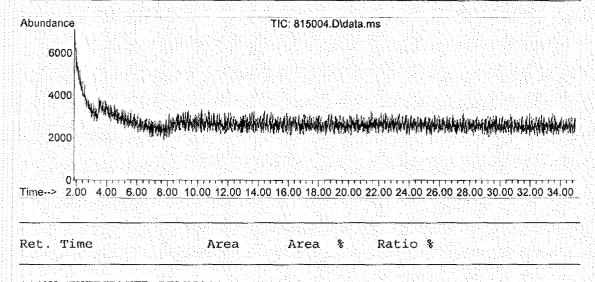
Date Acquired : 26 Jan 2012 10:51

Sample Name : BLANK

Submitted by

Vial Number : 1

AcquisitionMeth: SCREEN.M Integrator : RTE



NO INTEGRATED PEAKS

815004.D

Tue Feb 14 12:59:51 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815005.D

Operator : KAC

Date Acquired : 26 Jan 2012 11:30

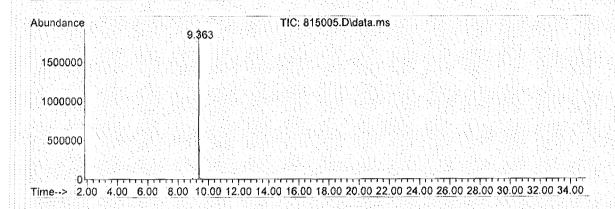
Sample Name : HEROIN STD

Submitted by

Vial Number : 5

AcquisitionMeth: SCREEN.M

Integrator : RTE



Ret. Time		Area Ar	ea % Rati	0 %	
9.363	2	381630 10	0.00 100.	00	

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815005.D

Operator : KAC

Date Acquired: 26 Jan 2012 11:30

Sample Name : HEROIN STD

Submitted by

Vial Number : 5

AcquisitionMeth: SCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80

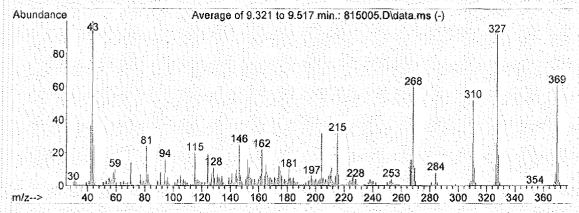
C:\Database\PMW_TOX2.L

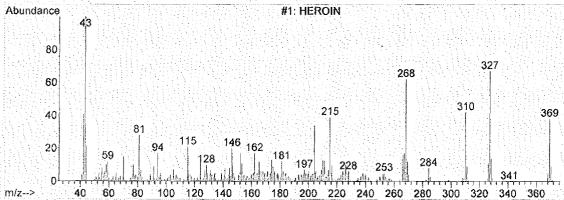
PK# RT Library/ID CAS# Qual

1 9.36 C:\Database\SLI.L

HEROIN

000561-27-3 99





815005,D

Tue Feb 14 12:59:56 2012

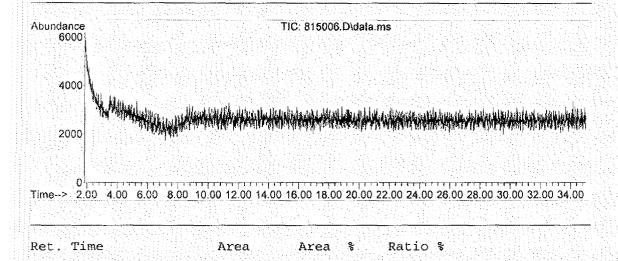
Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815006.D
Operator : KAC

Date Acquired : 26 Jan 2012 12:09

Sample Name : BLANK Submitted by : P.PIRO Vial Number AcquisitionMeth: SCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

815006.D

Tue Feb 14 13:00:07 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815007.D

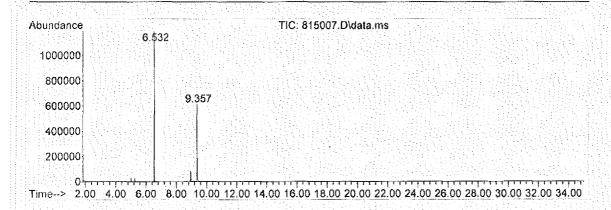
Operator : KAC

Date Acquired : 26 Jan 2012 12:48

Submitted by : P.PIRO Vial Number : 7

AcquisitionMeth: SCREEN.M

Integrator : RTE



Ret. Time Area	Area % Rat	io %	
6.532 115165	1 60.28 100	0.00	
9.357	9 39.72 65	5.89	

815007.D

Tue Feb 14 13:00:11 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01 26 12\815007.D

Operator : KAC

Integrator

DVH

Date Acquired : 26 Jan 2012 12:48

Submitted by : P.PIRO
Vial Number : 7
AcquisitionMeth: SCREEN.M

Search Libraries: C:\Database\SLI.L

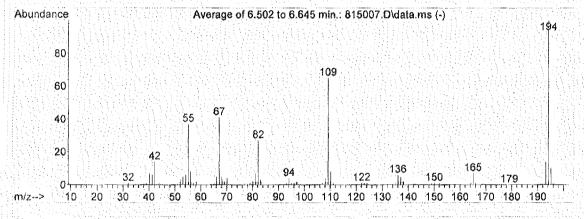
: RTE

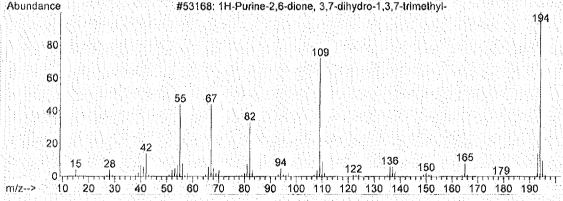
C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

	1 1/1	7			LULALY,	ענו					CM	IJ#f	1.0	Quar
11								Hillian						
1														
	1.		6.53	C:\	Databa	ase/NI	ST05a	L						
ij				11	I-Puri	ne-2,6	-dione	2, 3,7	-dihyd	iro-1,	0000	58-08	-2	98

6.53 C:\Database\NIST05a.L 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 97





Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815007.D

Operator KAC

Date Acquired 26 Jan 2012 12:48

Submitted by P, PIRO Vial Number 7

AcquisitionMeth: SCREEN.M : RTE Integrator

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

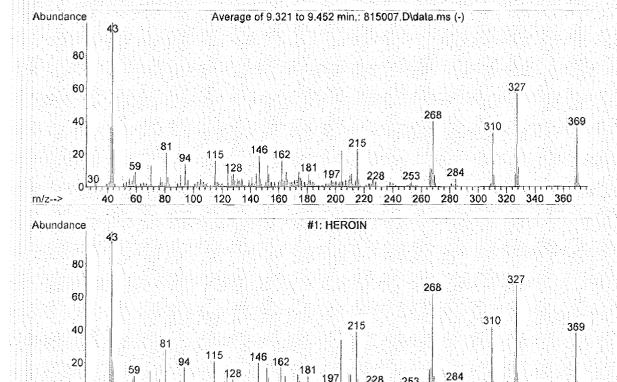
PK# RT Library/ID CAS# Qual

9.36 C:\Database\SLI.L

HEROIN

000561-27-3

99



180

815007.D

m/z-->

60

80

100

120

140 160

Tue Feb 14 13:00:12 2012

200 220 240 260 280 300 320 340

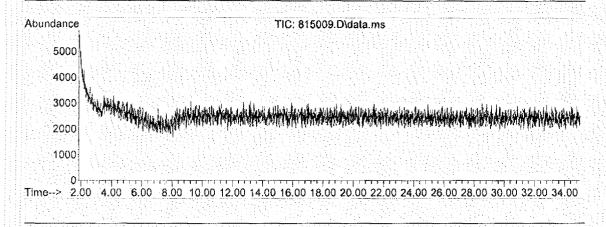
Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815009.D

Operator : KAC

Date Acquired : 26 Jan 2012 14:06 Sample Name : BLANK

Sample Name : BLANK
Submitted by : P.PIRO
Vial Number : 1
AcquisitionMeth: SCREEN.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

815009.D

Tue Feb 14 13:00:24 2012

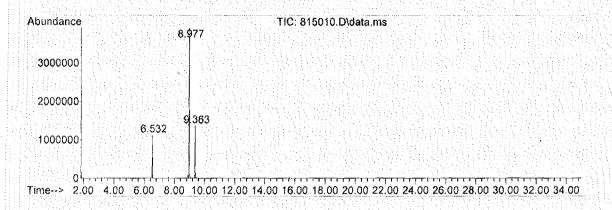
Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815010.D

Operator : KAC

Date Acquired : 26 Jan 2012 14:45

Submitted by : P.PIRO
Vial Number : 10
AcquisitionMeth: SCREEN.M
Integrator : RTE



Ret. Time	Area	Area % 1	Ratio %	
6.532 8.977 9.363	6775726	11.22 70.52 18.25	100.00	

815010.D

Tue Feb 14 13:00:28 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815010.D

Operator : KAC

Date Acquired : 26 Jan 2012 14:45

Submitted by : P.PIRO
Vial Number : 10
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

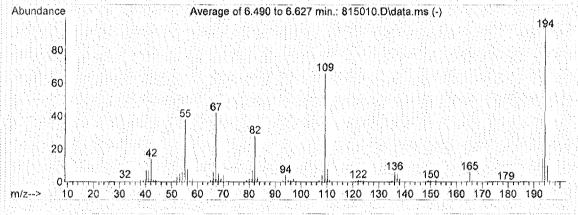
C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80

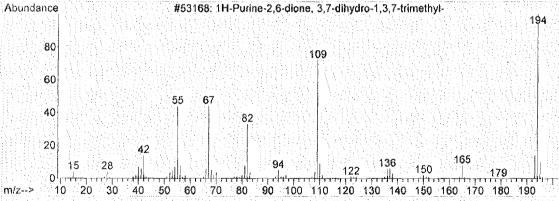
C:\Database\PMW_TOX2.L

PK# RT Library/ID CAS# Qual

1 6.53 C:\Database\NIST05a.L

1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 96





Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815010.D

Operator. : KAC

Date Acquired 26 Jan 2012 14:45

Submitted by P. PIRO Vial Number 10 AcquisitionMeth: SCREEN.M Integrator

Search Libraries: C:\Database\SLI.L

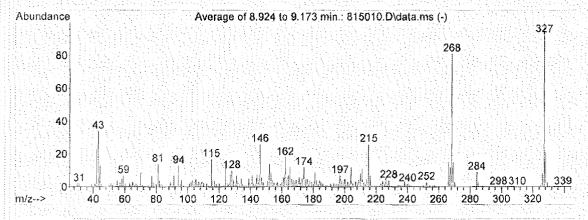
Minimum Quality: 80 Minimum Quality: 80

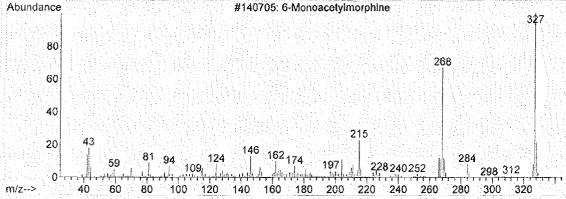
C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

6-Monoacetylmorphine

PK# RT Library/ID	CAS# Qual
2 8.98 C:\Database\NIST05a.L	
6-Monoacetylmorphine	自由
6-Monoacetylmorphine	002784-73-8 99





815010,D

Tue Feb 14 13:00:30 2012

Page

002784-73-8

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815010.D

Operator KAC

Date Acquired 26 Jan 2012 14:45

Submitted by P.PIRO Vial Number 10

AcquisitionMeth: SCREEN.M

Integrator RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

99

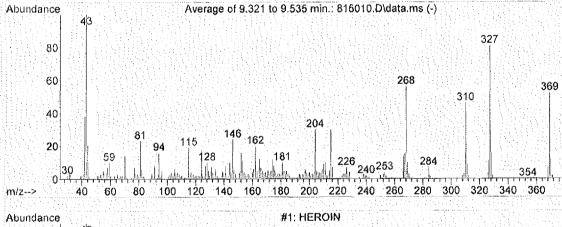
C:\Database\NIST05a.L

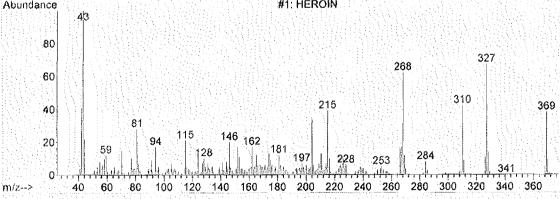
C:\Database\PMW_TOX2.L

PK# Library/ID CAS# Qual RT

3 9.36 C:\Database\SLI.L

HEROIN 000561-27-3





815010.D

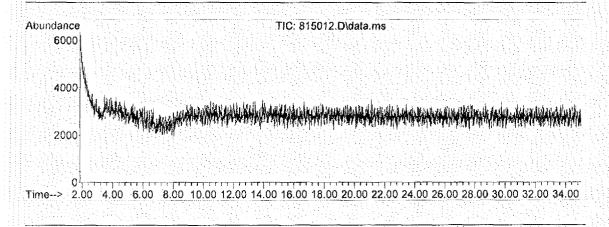
Tue Feb 14 13:00:30 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815012.D

: KAC Operator

Date Acquired : 26 Jan 2012 16:04 Sample Name : BLANK : P.PIRO Submitted by Vial Number 1 AcquisitionMeth: SCREEN.M Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

815012.D

Tue Feb 14 13:00:41 2012

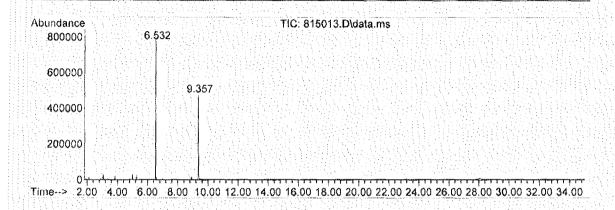
Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815013.D

Operator : KAC

Date Acquired : 26 Jan 2012 16:43

Submitted by : P.PIRO
Vial Number : 13
AcquisitionMeth: SCREEN.M
Integrator : RTE



Ret. Time	Area Area	% Ratio %	
6.532 9.357	769611 56.0 602726 43.9		

815013.D

Tue Feb 14 13:00:49 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01 26 12\815013.D

Operator : KAC

Date Acquired : 26 Jan 2012 16:43

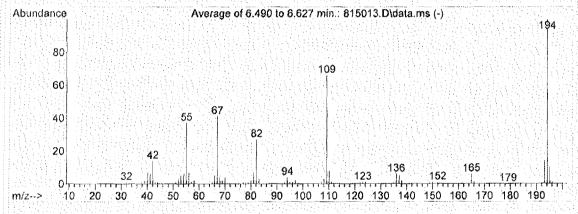
Submitted by : P.PIRO
Vial Number : 13
AcquisitionMeth: SCREEN.M
Integrator : RTE

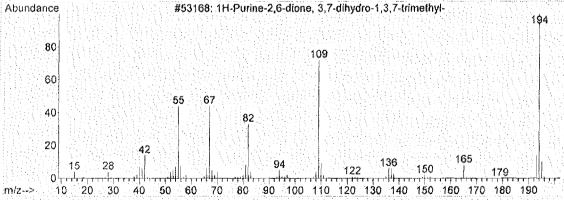
Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK# RT	Library/ID CAS# Qual
1 6.53	C:\Database\NIST05a.L
	1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98
	1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98
	1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 96





Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815013.D

Operator : KAC

Date Acquired : 26 Jan 2012 16:43

Submitted by : P.PIRO

Vial Number : 13

AcquisitionMeth: SCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

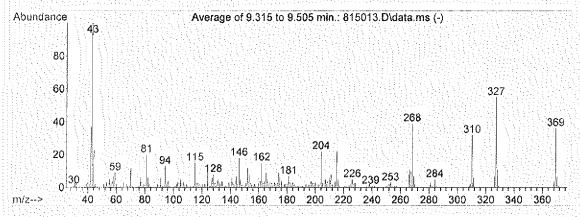
PK# RT Library/ID CAS# Qual

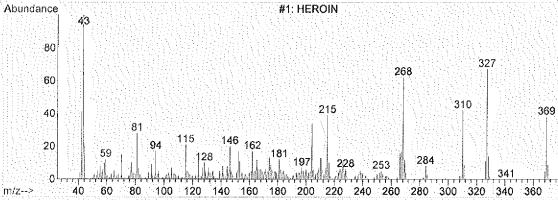
2 9.36 C:\Database\SLI.L

HEROIN

000561-27-3 91

Minimum Quality: 80





815013.D

Tue Feb 14 13:00:50 2012

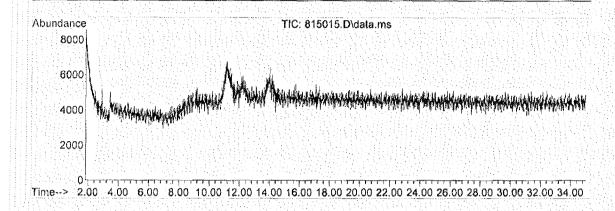
Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815015.D

Operator : KAC

Date Acquired : 26 Jan 2012 18:01

Sample Name : BLANK
Submitted by : P.PIRO
Vial Number : 1
AcquisitionMeth: SCREEN.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

815015.D

Tue Feb 14 13:01:02 2012

Information from Data File:

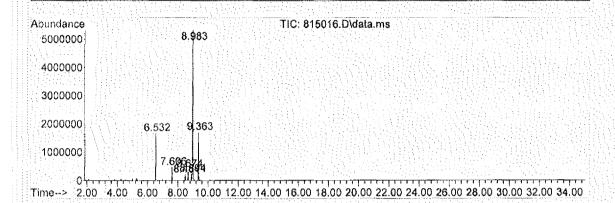
File Name : C:\msdchem\1\System7\01_26_12\815016.D

Operator : KAC

Date Acquired : 26 Jan 2012 18:40

Submitted by : P.PIRO Vial Number : 16 AcquisitionMeth: SCREEN.M

Integrator : RTE



Ret. Time	Area Area % Ratio %
6.532	1758735 9,93 14,64
7.606	518897
8.484	212713
8.674	516702 2.92 4.30
8.894	319090 1.80 2.66
8,983	12011516 67.85 100.00
9.363	2365474 13.36 19.69

815016.D

Tue Feb 14 13:01:07 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01 26 12\815016.D

Operator : KAC

DIVE

Date Acquired : 26 Jan 2012 18:40

Submitted by : P.PIRO
Vial Number : 16
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST05a.L

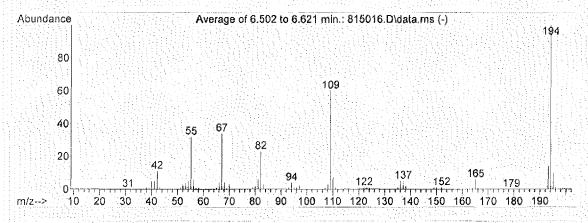
Minimum Quality: 80

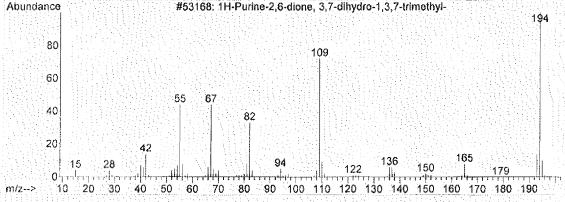
C:\Database\PMW_TOX2.L

nibrary,		CASH	Quai

1 6.53 C:\Database\NIST05a.L

1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 97 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 96





815016.D

Tue Feb 14 13:01:08 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01 26 12\815016.D

Operator : KAC

Date Acquired : 26 Jan 2012 18:40

Submitted by : P.PIRO Vial Number : 16 AcquisitionMeth: SCREEN M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

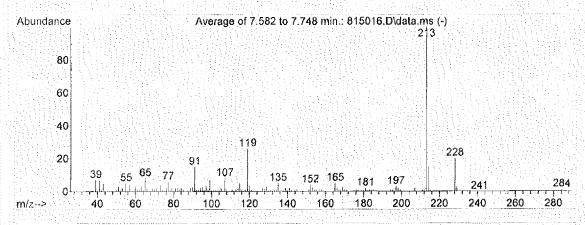
C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

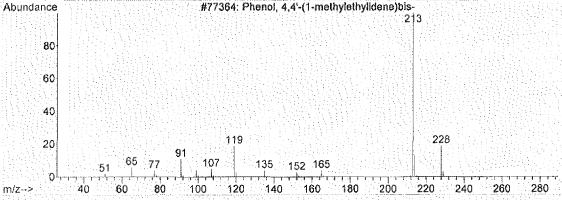
C:\Database\PMW_TOX2.L

 PK# RT L	ibrary/ID		CAS# Qual

2 7.61 C:\Database\NIST05a.L

Phenol, 4,4'-(1-methylethylidene)bi 000080-05-7 98 Phenol, 4,4'-(1-methylethylidene)bi 000080-05-7 98 Phenol, 4,4'-(1-methylethylidene)bi 000080-05-7 95





815016.D

Tue Feb 14 13:01:08 2012

Information from Data File:

File Name C:\msdchem\1\System7\01_26_12\815016.D

Operator. KAC

26 Jan 2012 Date Acquired 18:40

P. PIRO Submitted by Vial Number 16 AcquisitionMeth: SCREEN . M Integrator RTE

Search Libraries: C:\Database\SLT.L

Minimum Quality: 80 Minimum Quality: 80

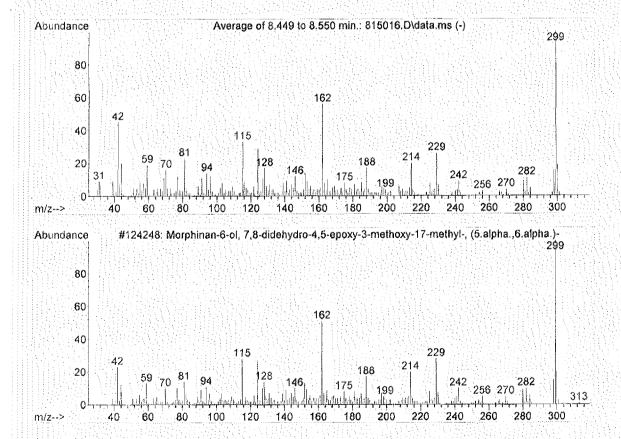
C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

PK# RT CAS# Qual Library/ID

3 8.48 C:\Database\NIST05a.L

Morphinan-6-ol, 7,8-didehydro-4,5-e 000076-57-3 99 Morphinan-6-ol, 7,8-didehydro-4,5-e 000076-57-3 99 97 Morphinan-8-ol, 6,7-didehydro-4,5-e 000509-55-7



Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815016.D

Operator : KAC

4

Date Acquired : 26 Jan 2012 18:40

Submitted by : P.PIRO
Vial Number : 16
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

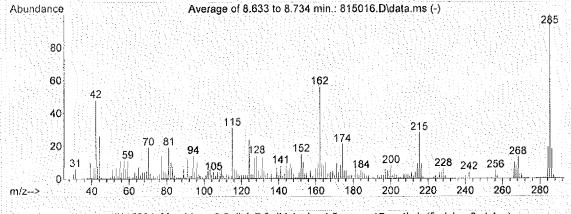
C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

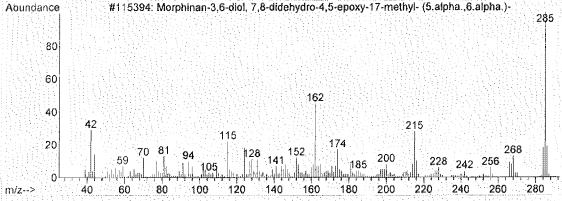
C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

8.67 C:\Database\NIST05a.L

Morphinan-3,6-diol, 7,8-didehydro-4 000057-27-2 99 Morphinan-3,6-diol, 7,8-didehydro-4 000057-27-2 99 Morphinan-3,6-diol, 7,8-didehydro-4 000057-27-2 97





815016.D

Tue Feb 14 13:01:10 2012

Information from Data File:

File Name C:\msdchem\1\System7\01_26_12\815016.D

Operator KAC

Date Acquired 26 Jan 2012 18:40

Submitted by P.PIRO Vial Number 1.6 AcquisitionMeth: SCREEN.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

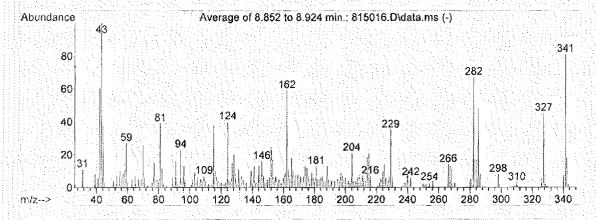
Minimum Quality: 80 Minimum Quality: 80

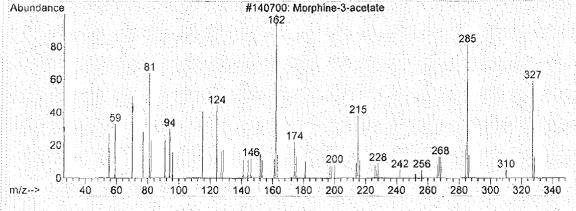
C:\Database\NIST05a.L C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Oual

5 8.89 C:\Database\NIST05a.L

> 005140-28-3 97 Morphine-3-acetate Morphinan-6-ol, 7,8-didehydro-4,5-e 006703-27-1 97 96 Morphin, 3-acetyl-1000153-00-1





Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815016.D

Operator : KAC

Date Acquired : 26 Jan 2012 18:40

Submitted by P.PIRO Vial Number : 16

AcquisitionMeth: SCREEN.M

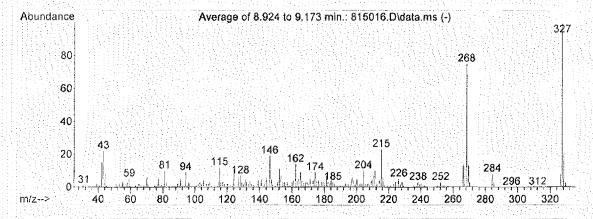
Integrator : RTE

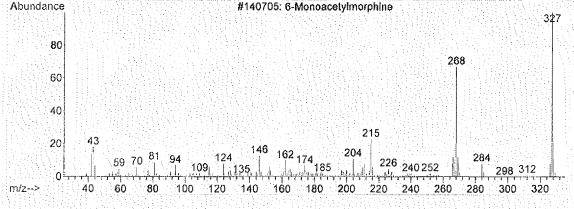
Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK# RT Library/ID	CAS# Qual
6 8.98 C:\Database\NIST05a,L	
6-Monoacetylmorphine	002784-73-8 99
6-Monoacetylmorphine	002784-73-8 99
6-Monoacetylmorphine	002784-73-8 99





815016.D

Tue Feb 14 13:01:11 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815016.D

Operator : KAC

Date Acquired : 26 Jan 2012 18:40

Submitted by : P.PIRO
Vial Number : 16
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

PK# RT Library/ID

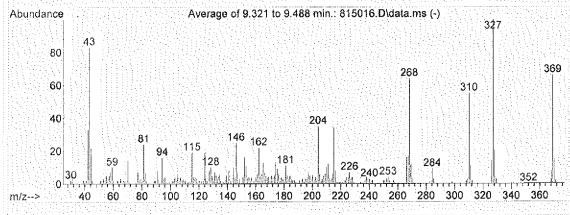
CAS# Qual

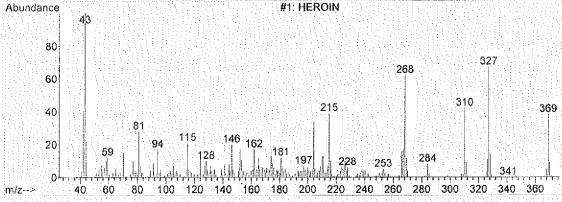
9.36 C:\Database\SLI.L

HEROIN

000561-27-3

99





815016,D

Tue Feb 14 13:01:12 2012

Information from Data File:

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Operator : KAC

Date Acquired : 26 Jan 2012 19:59

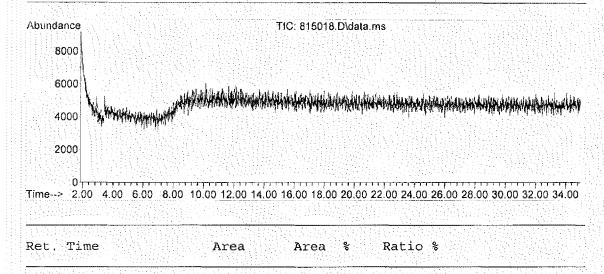
Sample Name : BLANK

Submitted by

Vial Number : 1

AcquisitionMeth: SCREEN.M

Integrator : RTE



NO INTEGRATED PEAKS

815018,D

Tue Feb 14 13:01:24 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815019.D

Operator

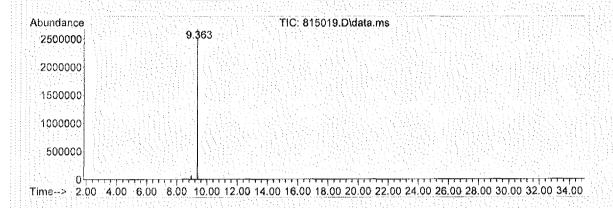
Date Acquired : 26 Jan 2012 20:38

: HEROIN STD Sample Name

Submitted by : Vial Number : 19

AcquisitionMeth: SCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %		
9.363	3519100	100,00	100.00		

815019.D

Tue Feb 14 13:01:28 2012

Information from Data File:

File Name : C:\msdchem\1\System7\01 26 12\815019.D

Operator : KAC

Date Acquired : 26 Jan 2012 20:38

Sample Name : HEROIN STD

Submitted by

Vial Number 19

AcquisitionMeth: SCREEN.M Integrator RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

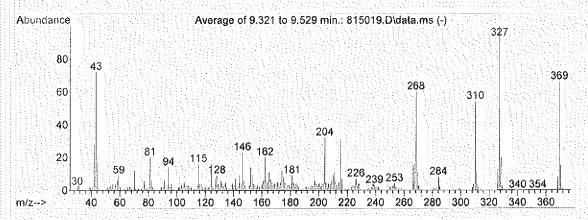
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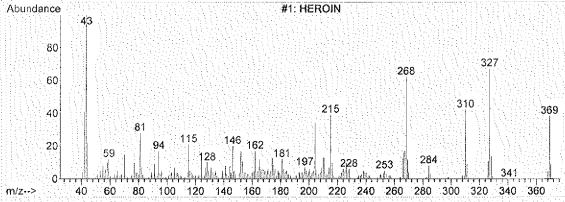
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HEROIN

99 000561-27-3





815019.D

Tue Feb 14 13:01:28 2012

Page: